
8 Handling, Storage, and Transportation of Structural Members

Handling

Storage

Transportation

CHAPTER EIGHT:

HANDLING, STORAGE, AND TRANSPORTATION OF STRUCTURAL MEMBERS

The handling, storage, and transportation of structural members is described in Section **707.08**. Members damaged by improper handling, storing, or transportation are replaced at the expense of the Contractor.

HANDLING

The method of handling of structural members is indicated on the shop drawing and is approved prior to use. To avoid damage to the members during handling, the members are required to be in an upright position at all times. The members are lifted by the inserts or other approved devices for that purpose and are supported as indicated below when in storage and during transportation to the construction site.

STORAGE

In storage, the structural member is fully supported across the width of the structural member on battens and are stored in a level position to prevent twisting (Figure 8-1). Supports for cantilever beams are as shown on the plans. Due to storage limitations, structural members may be stacked. If stacked, structural members are supported as described in Section **707.08**. Structural members may not be stacked more than three members high.



Figure 8-1. Structural Member Storage

TRANSPORTATION

During transportation, the structural members are supported with truck bolsters or battens (Figure 8-2). The ends of beams are not allowed to extend more than the depth of the beam and not more than 3 ft 6 in.



Figure 8-2. Structural Member Transportation